

Cryogenic Peltier cold and hot plate

CHP-972WLC

−60°C ~ +145°C

Automotive devices/For cooling heating of sensor temperature test



- ✦ Plate size 100 x 90 mm **Max. Temp. Reng** −60°C ~ +145°C for Thermal Test Solutions
- ✦ **Variety of applications**, Semiconductor device, Automotive, Military, Aerospace, electronic parts
- ✦ **Temp. Sensor** : Pt100 Platinum resistance thermo sensor · thermocouple (K or T Choice) Temperature control
- ✦ **Temp. controller accuracy** ±0.1°C · RS remote control possible · Programmable controller temperature
- ✦ Mist Prevention Nitrogen Gas Generator (Dew point −50 °C nitrogen supply) Cooling-Chiller Standard options
- ✦ Heat dissipation side Overheating thermostat (70°C) Attached
- ✦ Remote operation with dedicated chiller

MODEL	CHP-972WLC
Temp. Reng (°C)	−60 ~ +145
Plate surface temperature distribution (°C)	±1.5 (Excluding plate end face)
Temp. Sensor	Sensor insertion hole on the side of the plate
Heat radiation method	Water-Cooling (use Chiller, Cooling water temperature −5°C)
Heat&Cooling Peltier Element	UT-7070W Using cascade Peltier elements
Drive Voltage (V) /Current (A)	DC 24 / 7
Plate Size (mm)	100 x 90 ※Standard model (custom size consultation)
Temp. Controller	FC-5410 (Controller for cascade Peltier)
Cooling-Chiller	CA-1320

SET UP Model

Temp. Controller



Cooling Chiller
Cooling antifreeze circulation (Nybrine)

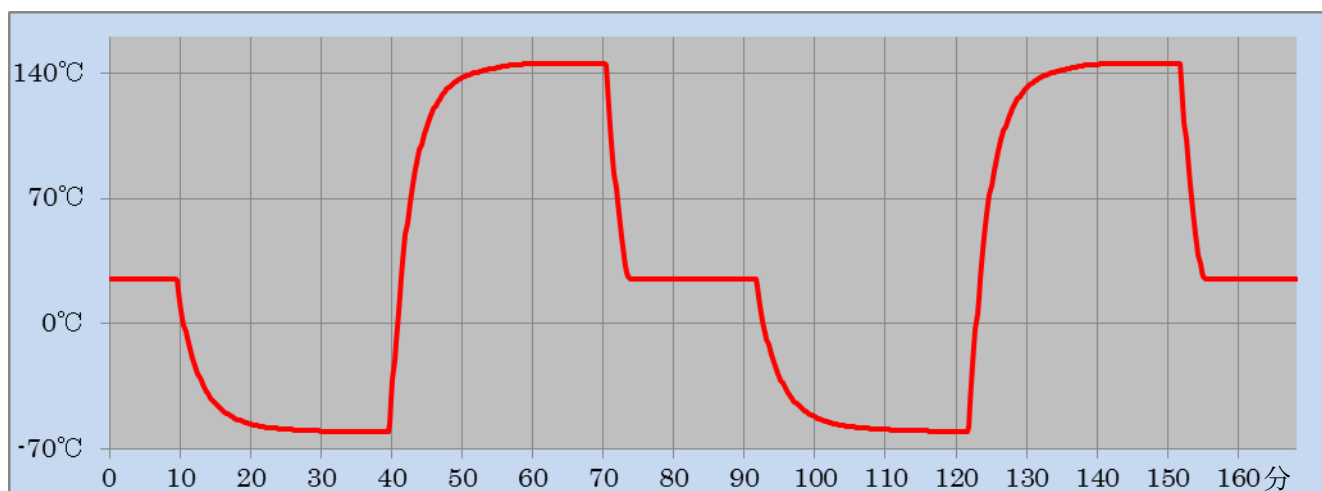


Nitrogen Gas Generator



Stage

Temp. graph



Cooling-Chiller



MODEL	CA-1330
NAME	Cooling-Chiller
Temp. Range (°C)	-20 ~ +20
Temp. Accuracy (°C)	±2
Compressor · Coolant	Air-Cooling 650W R407C
Cooling Capacity	0°C : 800W (688kcal/h) -10°C : 600W (512kcal/h)
Flow	Max.Flow 27 / 31 (L/min) Max.Head 9.5 / 13m (50 / 60Hz)
Demension (mm)	460(W) x 430(500)(D) x 490(548)(H) 48kg (Including protrusions)
Power	11A 1.1kVA AC100V 50/60Hz